

CLAIMS

What is claimed is:

1. A refrigerated merchandiser system comprising:
an insulated cabinet defining a product display area and having a compartment separate from product display area;
an air circulation circuit connecting said product display area and said compartment in air flow communication;
an evaporator disposed within said compartment;
at least one of air circulating fan disposed within said compartment in laterally spaced relationship upstream of the evaporator with respect to air flow;
a flow baffle having a plurality of flow apertures extending therethrough, said flow baffle disposed in the air circulation circuit intermediate the evaporator and the at least one fan to provide a generally more uniform air flow entering the evaporator.
2. A refrigerated merchandiser system as recited in claim 1 wherein the evaporator comprises a fin and tube heat exchanger having a fin density in the range of 6 fins per inch to 15 fins per inch.
3. A refrigerated merchandiser system as recited in claim 1 wherein said flow baffle comprises at least one perforated planar member.
4. A refrigerated merchandiser system as recited in claim 1 wherein said flow baffle comprises at least one screen mesh member.
5. A refrigerated merchandiser system as recited in claim 1 wherein said flow baffle comprises at least one slotted planar member.

6. A refrigerated merchandiser system as recited in claim 1 wherein said flow baffle comprises at least one member having a honeycomb structure of flow passages therethrough.

7. A refrigerated merchandiser system as recited in claim 1 wherein said plurality of flow apertures extending through said flow baffle have a collective flow area comprising from about 15% to about 40% of the nominal flow area of the air circulation circuit between said fans and said evaporator.

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